

# AMReX Part of xSDK 2018 Release

## Scientific Achievement

AMReX has become xSDK-compatible and will be part of the October 2018 xSDK release.

## Significance and Impact

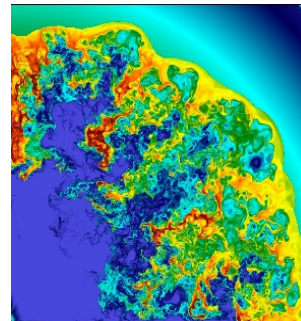
Achieving xSDK-compatibility guarantees that AMReX meets the xSDK software standards for interoperability with other packages.

## Details

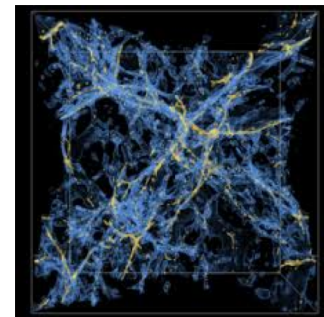
The Extreme-scale Scientific Software Development Kit (xSDK) defines community policies to improve code quality and compatibility across independently developed packages and provides a foundation for addressing broader issues in software interoperability, performance portability, and sustainability.

<https://xsdk.info/policies>

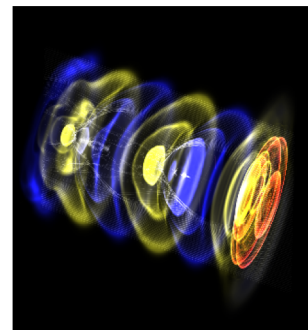
Examples of AMReX-based applications



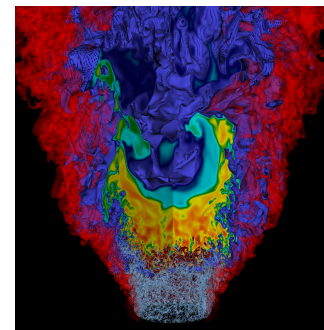
Astrophysics (Castro)



Cosmology (Nyx)



Accelerators (WarpX)



Combustion (LMC)

<https://www.github.com/AMReX-Codes/amrex>



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Work was performed at LBNL  
For more information contact Ann Almgren:  
[ASAlmgren@lbl.gov](mailto:ASAlmgren@lbl.gov)